

AMENDMENT TO
RULES COMMITTEE PRINT 118–10
OFFERED BY MR. CASTEN OF ILLINOIS

At the end of subtitle B of title III, add the following new section:

1 **SEC. 3__ . CODIFICATION OF CERTAIN DEPARTMENT OF**
2 **DEFENSE CLEAN ENERGY TARGETS.**

3 (a) CODIFICATION.—Section 2911(g) of title 10,
4 United States Code, is amended—

5 (1) by redesignating paragraph (3) as para-
6 graph (4);

7 (2) by striking paragraphs (1) and (2) and in-
8 serting the following new paragraphs (1) through
9 (3):

10 “(1) It shall be the target of the Department of De-
11 fense, with respect to the activities, personnel, resources,
12 and facilities of the Department located within the United
13 States—

14 “(A) by 2025, to use zero-emission electricity
15 for at least 40 percent of the total amount of elec-
16 tricity used by all such facilities during each cal-
17 endar year;

1 “(B) by 2030, to use zero-emission electricity
2 for at least 60 percent of the total amount of elec-
3 tricity used by all such facilities during each cal-
4 endar year;

5 “(C) by 2035, to use zero-emission electricity
6 for at least 80 percent of the total amount of elec-
7 tricity used by all such facilities during each cal-
8 endar year; and

9 “(D) by 2040, to use zero-emission electricity
10 for 100 percent of the electricity used by all such fa-
11 cilities during each calendar year;

12 “(E) by 2025, to reduce the full lifecycle green-
13 house gas emissions from the procurement of all
14 goods and services for use at military installations
15 by at least 20 percent from the 2008 baseline, and
16 by 2050, to eliminate the full lifecycle greenhouse
17 gas emissions from such procurement.

18 “(F) by 2032, to reduce the direct emissions of
19 greenhouse gases from buildings on military installa-
20 tions by 50 percent from the 2008 baseline, and by
21 2045, to eliminate the direct emissions of green-
22 house gases from buildings on military installations;

23 “(G) by 2030, to reduce the direct emissions of
24 greenhouse gases from operations of the Department
25 by 65 percent from the 2008 baseline, and by 2050,

1 to eliminate the direct emissions of greenhouse gases
2 from operations of the Department;

3 “(H) by 2027, to acquire as light-duty non-tac-
4 tical vehicles only vehicles the use of which results
5 in zero direct emissions of greenhouse gases;

6 “(I) by 2035, to acquire as non-tactical vehicles
7 only vehicles the use of which results in zero direct
8 emissions of greenhouse gases; and

9 “(J) by 2045, to demonstrate progress toward
10 the acquisition of non-tactical and tactical vehicles
11 only vehicles the manufacture, use and disposal of
12 which results in zero full lifecycle greenhouse gas
13 emissions.

14 “(2) The Secretary of Defense may issue an exemp-
15 tion to the targets under paragraph (1) with respect to
16 an activity of an element of the Department, and any re-
17 lated personnel, resources, and facilities if the Secretary—

18 “(A) determines that the exemption is in the
19 national security interests of the United States; and

20 “(B) not later than 30 days after issuing such
21 exemption, submits to the congressional defense
22 committees notice in writing of the exemption.

23 “(3)(A) On an annual basis, the Secretary of Defense
24 shall submit to the congressional defense committees a re-
25 port on the progress made toward achieving the targets

1 under paragraph (1). Each such report shall cover activi-
2 ties to achieve such targets conducted during the year pre-
3 ceding the date of the submission of the report and shall
4 include—

5 “(i) an identification of outstanding fund-
6 ing and staffing resources needed to implement
7 such activities;

8 “(ii) a description of any planned activities
9 the Secretary intends to carry to meet such tar-
10 gets, including how the Office of the Secretary
11 of Defense, the Secretaries of the military de-
12 partments, and the heads of the Defense agen-
13 cies plan to collaborate to implement such ac-
14 tivities; and

15 “(iii) a plan to increase production of zero
16 emission electricity on military installations and
17 pursue any energy use reduction or conserva-
18 tion efforts.

19 “(B) Each report under subparagraph (A) shall
20 be made publicly available on an appropriate website
21 of the Department of Defense.”; and

22 (3) by adding at the end the following new
23 paragraphs:

24 “(5) The Secretary of Defense shall delegate the re-
25 sponsibility for carrying out this subsection to the Assist-

1 ant Secretary of Defense for Energy, Installations, and
2 Environment.

3 “(6) In this subsection:

4 “(A) The term ‘carbon dioxide equivalent’
5 means the number of metric tons of carbon dioxide
6 emissions with the same global warming potential
7 over a 20-year period as one metric ton of another
8 greenhouse gas, including, in determining such glob-
9 al warming potential—

10 “(i) the effects of climate-carbon feedbacks
11 for both carbon dioxide and the other green-
12 house gas, as determined in accordance with
13 the Fifth Assessment Report of the Intergov-
14 ernmental Panel on Climate Change, or suc-
15 cessor report; and

16 “(ii) for methane, the effect of carbon di-
17 oxide resulting from methane oxidation in the
18 atmosphere.

19 “(B) The term ‘carbon intensity’ means the
20 carbon dioxide equivalent emissions associated with
21 the generation of one megawatt-hour of electric en-
22 ergy.

23 “(C) The term ‘full lifecycle greenhouse gas
24 emissions’ means the total emissions of greenhouse
25 gases resulting from the production, transportation,

1 use, and disposal of a given item, as determined by
2 the Secretary of Defense in consultation with the
3 Administrator of the Environmental Protection
4 Agency and the Secretary of Energy.

5 “(D) The term ‘greenhouse gas’ includes each
6 of the following:

7 “(i) Carbon dioxide.

8 “(ii) Methane.

9 “(iii) Nitrous oxide.

10 “(iv) Sulfur hexafluoride.

11 “(v) Any hydrofluorocarbon.

12 “(vi) Any perfluorocarbon.

13 “(vii) Nitrogen trifluoride.

14 “(viii) Any fully fluorinated linear,
15 branched, or cyclic alkane, ether, tertiary
16 amine, or aminoether.

17 “(ix) Any perfluoropolyether.

18 “(x) Any hydrofluoropolyether.

19 “(xi) Any other fluorocarbon, except for a
20 fluorocarbon with a vapor pressure of less than
21 1 mm of Hg absolute at 25 degrees Celsius.

22 “(E) The term ‘military installation’ has the
23 meaning given that term in section 2801(c) of this
24 title.

1 “(F) The term ‘qualified electricity generation’
2 means the number of megawatt-hours of electric en-
3 ergy that a generator generates using a generating
4 unit and—

5 “(i) sells directly or indirectly for use by
6 electric consumers for purposes other than re-
7 sale; or

8 “(ii) that is consumed onsite for a useful
9 purpose other than for generating electric en-
10 ergy.

11 “(G) The term ‘zero-emission electricity’ means
12 the amount, in megawatt-hours, of electric energy
13 generated by a generating unit that is not associated
14 with the release of greenhouse gases into the atmos-
15 phere, as calculated by multiplying—

16 “(i) the qualified electricity generation of
17 the generating unit; by

18 “(ii) the number that equals—

19 “(I) 1.0; less

20 “(II) the quotient obtained by dividing
21 the carbon intensity of the generating unit
22 by 0.82.

23 “(H) The term ‘2008 baseline’ means the
24 amount of emissions associated with the given item
25 or items during calendar year 2008, as determined

1 by the Secretary of Defense in consultation with the
2 Administrator of the Environmental Protection
3 Agency and the Secretary of Energy.’”.

4 (b) NON-DOMESTIC APPLICATION OF TARGETS.—
5 The Secretary of Defense may apply, in whole or in part,
6 the targets set forth in section 2911(g)(1) of title 10,
7 United States Code, as amended by subsection (a), with
8 respect to the activities, personnel, resources, and facilities
9 of the Department of Defense located outside of the
10 United States if the Secretary determines such application
11 to be in the interest of the United States.

